

BIOLOGICAL GROWTH PLATE SCANNER WITH AUTOMATED INTAKE

ABSTRACT

5 The invention is directed to a biological scanner for scanning biological growth
plates. The biological growth plate is loaded into the biological scanner via motorized
rollers, and an actuator presses the growth plate against a platen once the growth plate
is drawn to a scanning position within the scanner. The biological scanner then
generates one or more images of the growth plate. Moreover, sensors can be arranged
to facilitate sensing and positioning of the growth plate in a plurality of locations for
10 imaging different parts of the plate. Additional embodiments are directed to features
such as a hinged door that facilitates access to the scanner, and footings disposed on
various sides of the scanner to facilitate flip-over of the scanner for simplified use by
right-handed or left-handed users.